

Notice of Allowability

Application No.

09/976,523

Examiner

John P Trimmings

Applicant(s)

DORSEY, MICHAEL C.

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment dated 8/16/2004.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☒ The drawings filed on 8/16/2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 7/26/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 12222004.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


ALBERT DECADY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

This office action is in response to the applicant's amendment dated 8/16/2004.

Claims 1-3, 5, 6, 8-12, 14, 17, 19, 21, 23-26 and 28-30 have been amended.

Claims 1-32 are pending in this office action.

Response to Amendment

Objections to Drawings:

In view of the applicant's response within the above amendment, the examiner withdraws the objections to said drawings.

Objection to Specification:

In view of the applicant's response within the above amendment, the examiner withdraws the objections to said Specification.

Objections to Claims:

In view of the applicant's response within the above amendment, the examiner withdraws the objections to said claims.

35 USC 112 Rejections:

In view of the applicant's response within the above amendment, the examiner withdraws the rejections under 35 USC 112 to said claims.

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35 USC 103 Rejections:

1. Applicant's arguments, see amendment, filed 8/16/2004, with respect to independent Claims 1, 7, 10, 17, 21 and 26, have been fully considered and are persuasive. The rejection of said independent claims under 35 USC 103 has been withdrawn. And, since dependent Claims 2-6, 8-9, 11-16, 18-20, 22-25 and 27-32 are dependent on said independent claims, all rejections to Claims 1-32 have been withdrawn.

EXAMINER'S AMENDMENT

The application has been amended as follows:

In a telephone interview with Karen Ashby, Mr. Heter's legal assistant, it was agreed that Claims 24 and 29 be amended as follows:

As per Claim 24:

The last two lines are to be amended to read, "setting a bit in the multiple input signature register indicating whether [the] results stored therein [~~results~~] are from a previous logic built-in self-test run."

As per Claim 29:

In the last line, the misspelled word "thererin" should be corrected to read, "therein".

Allowable Subject Matter

2. Claims 1-32 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of Motika, Rosno, Kraus and Zuraski teaches a method of testing based on an integrated circuit comprising a plurality of memories, a logic core, a testing interface, and a built-in logic self-test controller to perform a test at a plurality of clock frequencies. However, the prior arts of record taken alone, or in combination failed to teach, anticipate, suggest, or render obvious the claimed invention or the method steps of the application. Specifically, the prior arts failed to teach, anticipate, suggest, or render obvious the limitation introduced into these claims, namely: a test clock frequency being the slowest of a plurality of domain frequencies is selected as the test clock frequency.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John P Trimmings whose telephone number is 703-305-0714. The examiner can normally be reached on Monday through Thursday, 7:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert DeCady can be reached on 703-305-9595. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



John P Trimmings
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Art Unit 2133

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